

**EAO Subaru Science Workshop 2019**  
**Venue: Jang Yeong Sil Hall (JYS hall)**

<b>Wednesday, 16, Jan</b>		
<b>Time</b>	<b>Title</b>	<b>Speaker</b>
9:00 - 9:30	Transportation and registration	
<b>Plenary session [JYS-331]</b>		
9:30 - 10:00	EAO Prospectives	Paul Ho
10:00 - 10:30	The Subaru Prime Focus Spectrograph (PFS) Project	Naoyuki Tamura
10:30 - 11:00	coffee	
11:00 - 11:30	Multi-wavelength surveys of North Ecliptic Pole	Hyung Mok Lee
11:30 - 12:00	Multi-messenger Astronomy with Subaru	Masaomi Tanaka
12:00 - 12:30	AGN/QSO	Linhua Jiang
12:30 - 14:00	lunch	
<b>Parallel Sessions: Cosmology / Galaxy Clusters [JYS-331 #1]</b>		
14:00 - 14:15	Subaru Weak Lensing Study of Merging Galaxy Clusters	James Jee
14:15 - 14:30	SMC <sup>2</sup> S: Reconstructing the Merger Scenario for Massive Galaxy Clusters with Subaru Weak Lensing	Kyle Finner
14:30 - 14:45	Galaxy formation in protoclusters at the cosmic high noon	Rhythm Shimakawa
14:45 - 15:00	Redshift Surveys of Galaxy Clusters with Weak-lensing Maps	Ho Seong Hwang
15:00 - 15:15	TBD	Teppei Okumura
15:15 - 15:30	Barred Galaxies Are More Abundant in Clusters That Are in Pairs Or with Substructures: Observational Evidence for Bar Formation via Cluster-Cluster Interactions	Yongmin Yoon
15:30 - 16:00	coffee	
<b>Parallel Sessions: MMA/Transient/Time-domain [JYS-331 #2]</b>		
14:00 - 14:15	Multi-Messenger Astronomy with Subaru	Myungshin Im
14:15 - 14:30	TBD	Youjun Lu

14:30 - 14:45	LAMOST observations for the Kepler fields and LAMOST Medium-resolution Spectroscopic Survey Plan	Jianning Fu
14:45 - 15:00	Classical Pulsating Stars in the Era of Modern Time-Domain Surveys: From ZTF to ULTIMATE-SUBARU	Chow-Choong Ngeow
15:00 - 15:15		
15:15 - 15:30		
15:30 - 16:00	coffee	
16:00 - 16:15	AGN-driven gas outflows and feedback at low-z	Jong-Hak Woo
16:15 - 16:30	Quest for the most distant quasars with Subaru	Yoshiki Matsuoka
16:30 - 16:45	Rapid Black Hole Growth at the Dawn of the Universe: A Super-Eddington Quasar at $z=6.6$	Youichi Ohyama
16:45 - 17:00	AGN science in conjunction with SPHEREx survey	Minjin Kim
17:00 - 17:15	Discoveries and Properties of IMS Quasars at $z>5$	Yongjung Kim
17:15 - 17:30	Subaru monitoring observations of an orbiting star around Galactic supermassive black hole	Shogo Nishiyama
17:35	Bus to Hotel	

Thursday, 17, Jan		
Time	Title	Speaker
9:00 - 9:30	Transportation	
<b>Plenary session [JYS-331]</b>		
9:30 - 10:00	Current Status of Subaru Telescope	Michitoshi Yoshida
10:00 - 10:30	Korean 8m Class Optical Facility: Gemini Observatory	Narae Hwang
10:30 - 11:00	coffee	
11:00 - 11:30	Star formation in nearby galaxies	Yong Shi
11:30 - 12:00	Galaxy Evolution	Lihwai Lin
12:00 - 12:30	Exploration of Star and Planet Formation with Subaru: To date and in the future	Hiro Takami
12:30 - 14:00	lunch	
<b>Parallel Sessions: Nearby galaxies / Milky Way / Stellar pop. [JYS-331 #1]</b>		
14:00 - 14:15	Deep and Wide Survey of Giant and Dwarf Galaxies	Myung Gyoon Lee
14:15 - 14:30	Nearby galaxies with HSC and PFS	Masayuki Tanaka
14:30 - 14:45	Is the evidence for dark energy secure from supernova cosmology?	Young-Wook Lee
14:45 - 15:00	Chemical abundance patterns in the Milky Way halo stars as constraints on the element production in the early Universe	Miho N. Ishigaki
15:00 - 15:15		
15:15 - 15:30		
15:30 - 16:00	coffee	
<b>Parallel Sessions: MMA/Transient/Time-domain [JYS-331 #2]</b>		
14:00 - 14:15	Hunting for Substellar Objects Young and Old Rich and Poor	Wen Ping Chen
14:15 - 14:30	Exoplanet science and instrumentation with the Subaru telescope	Takayuki Kotani

14:30 - 14:45	A Possible Collaboration in Solar System Research for EAO Subaru	Masateru Ishiguro
14:45 - 15:00	Solar System Science with Subaru and HSC	Matthew Lehner
15:00 - 15:15	TBD	Tien-Hao Hsieh
15:15 - 15:30		
15:30 - 16:00	coffee	
16:00 - 16:15	Polarimetric Survey of Giant Lyman-Alpha Nebulae at High Redshift	Yujin Yang
16:15 - 16:30	Catching the first glimpse of disc galaxy formation from high resolution simulations	Sukyoung Yi
16:30 - 16:45	Hyper Suprime-Cam Narrowband Survey: CHORUS project	Akio Inoue
16:45 - 17:00	TBD	Xu Kong
17:00 - 17:15	Spatially Resolved View of Galaxy Assembly and Quenching over 0.5	Fengshan Liu
17:15 - 17:30	Near-infrared spectroscopy of extreme emission line galaxies at $z > 3$	Masato Onodera
17:35	Banquet	
21:00	Bus to Hotel	

<b>Friday, 18, Jan</b>		
<b>Time</b>	<b>Title</b>	<b>Speaker</b>
9:00 - 9:30	Transportation	
<b>Plenary session [JYS-331]</b>		
9:30 - 10:00	Review of Recent Exoplanet Studies and Subaru's Capability	Norio Narita
10:00 - 10:30	Recently works on exoplanets and Time Domain Observatory in Ali	Ji-Lin Zhou
10:30 - 11:00	coffee	
11:00 - 11:30	Solar System Science with Subaru Telescope	Fumi Yoshida
11:30 - 12:00	Discussion	
12:00 - 12:30	Ending remarks	Changbom Park
12:30 - 14:00	lunch	